

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
1	BRS	102277	((interconnect\$5 connect\$5) same ((printed circuit\$1 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGPUB	2003/02/ 22 18:29			0
2	BRS	994497	soloplate\$1 \$9plate	USPAT; US-PGPUB	2003/02/ 20 17:57			0
3	BRS	99406	((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5))	USPAT; US-PGPUB	2003/02/ 22 16:22			0
4	BRS	400729	fiber waveguide (wave near1 guid\$3)	USPAT; US-PGPUB	2003/02/ 20 17:43			0
5	BRS	7203	(fiber waveguide (wave near1 guid\$3) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGPUB	2003/02/ 20 17:56			0
6	BRS	1381222	contact\$1	USPAT; US-PGPUB	2003/02/ 20 17:51			0
7	BRS	417028	((oil\$4 same (liquid\$1 water fluid\$2 alcohol))	USPAT; US-PGPUB	2003/02/ 20 17:55			0
8	BRS	102277	((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGPUB	2003/02/ 20 17:56			0
9	BRS	7203	(fiber waveguide (wave near1 guid\$3) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))	USPAT; US-PGPUB	2003/02/ 22 18:27			0
10	BRS	99406	((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5))	USPAT; US-PGPUB	2003/02/ 22 18:22			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
11	BRS	87	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) )	USPAT; 2003/02/ US-PGPUB 21 15:26				0
12	BRS	182456	(optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4) connect\$5)	USPAT; 2003/02/ US-PGPUB 20 18:12				0
13	BRS	74	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4) connect\$5)	USPAT; 2003/02/ US-PGPUB 20 18:14				0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
14	BRS	0	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isclat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4 connect\$5)) and (vendier alcatel)	USPAT; US-PGPUB	2003/02/ 20 18:14			0
15	BRS	67	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal near3 (remov\$4 drain\$4 separat\$4 isclat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4	USPAT	2003/02/ 20 18:15			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
16	BRS	58	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4) connect\$5))) and (integrated chip\$1)	USPAT; 2003/02/ US-PGPUB 21 13:19			0	
17	BRS	0	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same (interconnect\$4	EPO; JPO 2003/02/ 21 12:21			0	

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
18	BRS	51	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) ) and ((optic\$3 fiber (wave near1 guide\$3) waveguide\$1) same ((interconnect\$4) connect\$5))) and (integrated chip\$1)	USPAT; 2003/02/ US-PGPUB 21 13:12			0	
19	BRS	7	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) )	US-PGPUB 2003/02/ 21 13:16			0	
20	BRS	11	("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6011111" "6011111")	USPAT; 2003/02/				

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
21	BRS	2	((("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014313" "5488380" "5333225" "5300810" "5276455").pn. ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) same (soloplate\$1 \$9plate))	USPAT;	2003/02/ US-PGPUB 21 13:45			0
22	BRS	68	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))	USPAT;	2003/02/ US-PGPUB 21 15:18			0
23	BRS	10	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))	USPAT;	2003/02/ US-PGPUB 21 14:04			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
24	BRS	10	("6320257" "6274978" "6395999" "6263937" "6259846" "6228228" "6134110" "5682412" "4732446" "3710195").pn.	USPAT;	2003/02/ US-PGPUB 21 14:04			0
25	BRS	10	((("6320257" "6274978" "6395999" "6263937" "6259846" "6228228" "6134110" "5682412" "4732446" "3710195").pn. ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)) same (soloplate\$1 \$6plate substrate);	USPAT;	2003/02/ US-PGPUB 21 14:12			0
26	BRS	68	((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5))	USPAT;	2003/02/ US-PGPUB 21 17:14			0
			((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5))					

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
28	BRS	6	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) ) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (heat near5 pipe\$1)	USPAT; US-PGPUB	2003/02/ 21 14:57			0
29	BRS	6	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) ) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (heat\$? near5 pipe\$1)	USPAT; US-PGPUB	2003/02/ 21 14:57			0
			(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) ) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (heat\$? near5 pipe\$1)					



	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
31	BRS	6	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol)) ) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and (heat\$3 same pipe\$1)) and (heat near5 (sink drain\$3))	USPAT; US-PGPUB	2003/02/ 21 14:59			0
32	BRS	4	((("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014313" "5488380" "5333225" "5300810" "5276455").pn. ) and (heat\$3 same pipe\$1))	USPAT; US-PGPUB	2003/02/ 21 15:16			0
33	BRS	2	((("6430052" "6349553" "6320257" "6274978" "6126432" "6061134" "6014313" "5488380" "5333225" "5300810" "5276455").pn. ) and (heat\$3 same pipe\$1)) and (heat\$3 same (drain\$3 sink))	USPAT; US-PGPUB	2003/02/ 21 15:16			0
34	BRS	66071	(heat\$3 same (drain\$3 sink))	USPAT; US-PGPUB	2003/02/ 21 15:17			0
				USPAT;	2003/02/			

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
36	BRS	6	(((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (heat\$3 same pipe\$1)	USPAT; US-PGPUB	2003/02/ 21 16:58			0
37	BRS	92	(((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))	USPAT; US-PGPUB	2003/02/ 21 17:14			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
38	BRS	6	(heat\$3 same pipe\$1) and (((cool\$4 same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (heat\$3 same pipe\$1)) and (((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber	USPAT; US-PGPUB	2003/02/ 21 15:47		0	
39	BRS	7	(((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7	USPAT; US-PGPUB	2003/02/ 21 15:49		0	
			drain\$4 separat\$4 sink isolat\$5 and (heat\$3 same (drain\$3 sink)) and (heat\$3 same pipe\$1)					

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error
40	BRS	7	(((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (pipe\$1)	USPAT, 2003/02/ US-PGPUB 21 15:55			0	
41	BRS	1	((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (pipe\$1)) not ((heat\$3 same pipe\$1) and (((cool\$4 same (printed circuit\$2 electr\$5) near7 (board\$1 card\$1) and fiber	USPAT; 2003/02/ US-PGPUB 21 15:51			0	

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error
42	BRS	17	(((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (vias)	USPAT; 2003/02/ US-PGPUB 21 15:55				0
43	BRS	14	((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (vias)) not (((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) and ((heat\$3 same (drain\$3 sink))) and (vias))	USPAT; 2003/02/ US-PGPUB 21 15:56				0

	Type	Hits	Search Text	DBs	Time Stamp	Corr mmen ts	Er ro r De fi ni ti on	Er ro rs
45	BRS	146	(((cool\$4 heat) same (liquid\$2 water fluid\$2 alcohol))) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))	USPAT; US-PGPUB	2003/02/ 21 17:07			0
46	BRS	10	((heat\$3 same (drain\$3 sink))) and (heat\$3 same pipe\$1) and (((cool\$4 heat) same (liquid\$2 water fluid\$2 alcohol))) and (((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))	USPAT; US-PGPUB	2003/02/ 21 17:07			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
47	BRS	3	((((heat\$3 same (drain\$3 sink))) and (heat\$3 same pipe\$1) and (((cool\$4 heat) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1 guid\$3)) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and (((heat thermal) near3 (remov\$4 drain\$4 separat\$4 sink isolat\$5)))) not (((((cool\$4 (heat near3 exchang\$3)) same (liquid\$2 water fluid\$2 alcohol))) and ((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1))) and ((fiber waveguide (wave near1	USPAT; 2003/02/ US-PGPUB 21 17:08			0	
48	BRS	3	((("5488380" "5276455" "6014313").pn.) and ((cool\$4 (heat near3 exchang\$3)) ( heat thermal) near7 (remov\$4 drain\$4 separat\$4 isolat\$5)))	USPAT; 2003/02/ US-PGPUB 21 17:16				0
			((("5468380" "5276455" "6014313").pn.) and ((cool\$4 (heat near3 exchang\$3)) ( heat thermal) near7 (remov\$4 drain\$4 separat\$4 isolat\$5)))					
			((((heat\$3 same drain\$3 sink heat\$3 same pipe\$1					







	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
66	BRS	98	((interconnect\$5 connect\$5) same ((printed circuit\$2 electr\$5) near7 (board\$1 card\$1)) ) and ((selfoc near3 lens\$2))	USPAT	2003/02/ 22 19:06			0